## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--|---------------------|---------|---------------------|
| S77   | 9    | gemplus.as. and permut<br>\$8  | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>13:17 |
| S76   | 9    | gemplus.as. and permutation\$1   | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>13:17 |
| S75   | 325  | gemplus.as.  | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>13:16 |
| S74   | 9    | chari-sur\$.in.  | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>11:36 |
| S73   | 0    | chari-suresh.in.   | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>11:35 |
| S72   | 405  | 380/29.ccls.   | US-PGPUB;<br>USPAT; USOCR                  | OR                  | OFF     | 2008/08/06<br>11:01 |
| S71   | 12   | (data adj encryption adj<br>standard) and stage\$1<br>with round\$1 and stage\$1<br>with permutation\$1    | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>13:33 |
| S70   | 12   | (data and encryption adj<br>standard) and stage\$1<br>with round\$1 and stage\$1<br>with permutation\$1    | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>13:33 |
| S69   | 90   | (data and encryption adj<br>standard) and stage\$1<br>with round\$1  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>13:31 |
| S68   | 22   | coron-jean\$.in. or feyt-<br>nath\$.in. or benoit-oliv.in.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>13:18 |
| S67   | 31   | side adj channel adj attack<br>\$1 and data adj<br>encryption adj standard                                 | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>11:22 |
| S66   | 15   | side adj channel adj<br>attack and data adj<br>encryption adj standard                                     | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>11:22 |
| S65   | 36   | (mask\$3 or blind\$4 or whit<br>\$6) with (round\$1) and<br>data adj encryption adj<br>standard            | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>11:14 |
| S64   | 11   | (mask\$3 or blind\$4 or whit<br>\$6) same (two) with<br>(round\$1) and data adj<br>encryption adj standard | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/08/05<br>10:42 |

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| S63 | 0  | (leak\$3) same (three)<br>with (round\$1) and data<br>adj encryption adj<br>standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>10:41 |
|-----|----|--|--|----|-----|---------------------|
| S62 | 7  | (mask\$3 or blind\$4 or whit<br>\$6) same (three) with<br>(round\$1) and data adj<br>encryption adj standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>10:40 |
| S61 | 3  | (mask\$3 or blind\$4 or whit<br>\$6) same (portion) with<br>(round\$1) and data adj<br>encryption adj standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>10:20 |
| S60 | 3  | mask\$3 same (portion)<br>with (round\$1) and data<br>adj encryption adj<br>standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>10:20 |
| S59 | 0  | mask\$3 same (all) with (round\$1) and data adj encryption adj standard  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>10:19 |
| S58 | 1  | blind\$4 same (first or<br>last) with (round\$1) and<br>data adj encryption adj<br>standard  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>09:37 |
| S57 | 0  | mask\$4 same (some)<br>with (round\$1) and data<br>adj encryption adj<br>standard  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>09:37 |
| S56 | 0  | leak\$4 same (some) with<br>(round\$1) and data adj<br>encryption adj standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>09:36 |
| S55 | 4  | leak\$4 same (first or last)<br>with (round\$1) and data<br>adj encryption adj<br>standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/05<br>09:27 |
| S54 | 31 | mask\$3 same (first or<br>last) with (round\$1) and<br>data adj encryption adj<br>standard   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/04<br>16:17 |
| S53 | 29 | ("4200770"   "4405829"  <br>"4759063"   "4905176"  <br>"4908038"   "5401950"  <br>"5404402"   "5539827"  <br>"5664017"   "6041122").<br>PN. OR ("6327661").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2007/07/12<br>12:14 |
| S52 | 32 | (blind\$4 or mask\$4)<br>near3 permut\$6 and<br>@ad<"19990217"   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2007/07/12<br>12:03 |

| S51 | 164  | (blind\$4 or mask\$4)<br>near3 permut\$6                          | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2007/07/12<br>12:03 |
|-----|------|---|--|----|-----|---------------------|
| S50 | 364  | 380/29.ccls.  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2007/07/12<br>12:02 |
| S49 | 353  | 380/29.ccls.  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2007/02/01<br>14:27 |
| S48 | 29   | permut\$5 with blind\$3   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>11:57 |
| S47 | 52   | permut\$5 with<br>transformed and transform<br>\$3 with random\$7 | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>11:57 |
| S46 | 52   | permut\$5 with<br>transformed and transform<br>\$3 with random\$5 | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>10:12 |
| S45 | 230  | permut\$5 with<br>transformed                                     | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>10:12 |
| S44 | 14   | permut\$5 with obfuscat\$4  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>10:11 |
| S43 | 3    | oki-masaru.in.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>10:10 |
| S42 | 51   | ohki-masaru.in.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>10:09 |
| S41 | 1457 | ohki.in.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/01<br>09:52 |
| S40 | 9    | "9901937"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>15:52 |
| S39 | 0    | fr00/00130  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>15:51 |
| S38 | 3    | "6615354".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>15:51 |

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| <b>S</b> 37 | 2   | "6510518".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>14:35 |
|-------------|-----|--|--|----|-----|---------------------|
| S36         | 2   | "6278783".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>14:35 |
| S35         | 2   | "6304658".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/03<br>14:25 |
| S34         | 99  | permut\$6 with (mask\$4<br>or blind\$4 or whit\$6) and<br>(exclusive\$3)   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/10/03<br>11:01 |
| S33         | 2   | "20020139861"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/02<br>12:22 |
| S32         | 327 | 380/29.ccls.   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/09<br>10:27 |
| S31         | 9   | [("20020124178"  <br>"3798360"   "4932053"  <br>"5341423"   "5724428"  <br>"5727062"   "5745577"  <br>"5995629"   "6185304").<br>PN. | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>16:03 |
| S30         | 2   | disturbance and arani.xa.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/07<br>16:02 |
| S1          | 2   | smart\$1card\$1 same<br>measur\$4 with current   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/07<br>16:02 |
| S29         | 5   | blind\$4 with data with<br>permutat\$4   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:55 |
| S28         | 35  | mask\$3 with data with permutat\$4   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:55 |
| S27         | 75  | S26 not S21  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:37 |
| S26         | 96  | permut\$6 with (mask\$4<br>or blind\$4 or whit\$6) and<br>(exclusive\$3)   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:29 |
| S20         | 394 | permut\$6 with (mask\$4<br>or blind\$4 or whit\$6)   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:28 |
| S25         | 1   | "6438666".pn.  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2006/06/07<br>13:25 |

| S24 | 37  | scrambl\$4 with (mask\$4<br>or blind\$4 or whiten\$4)<br>and des   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2006/06/07<br>13:25 |
|-----|-----|--|---------------------------|----|-----|---------------------|
| S22 | 47  | scrambl\$4 with (mask\$4<br>or blind\$4 or whit\$6) and<br>des   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2006/06/07<br>12:23 |
| S23 | 654 | scrambl\$4 with (mask\$4<br>or blind\$4 or whit\$6)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2006/06/07<br>12:22 |
| S21 | 51  | permut\$6 with (mask\$4<br>or blind\$4 or whit\$6) and<br>des  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2006/06/07<br>12:21 |
| S19 | 72  | 380/29.ccls. and (mask\$4 or blind\$4 or whit\$6)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2006/06/07<br>10:53 |
| S18 | 311 | 380/29.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>12:15 |
| S17 | 32  | blind\$3 with permut\$6  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>12:14 |
| S16 | 160 | des and encryption and random\$4 with mask\$3  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>11:43 |
| S15 | 206 | des and random\$4 with mask\$3   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>11:28 |
| S14 | 5   | chari.in. and mask and random  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>11:27 |
| S13 | 6   | ("20040040026"  <br>"5793871"   "6028939"  <br>"6044388"   "6278783"  <br>"6327661").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>11:00 |
| S12 | 3   | ("6064740"   "6466668"  <br>"6914986").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>10:22 |
| S11 | 5   | ("5675649"   "6182216"  <br>"6278783"   "6282291"  <br>"6490357").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>10:19 |
| S10 | 4   | ("4405829"   "4478668"  <br>"5146500"   "5297206").<br>PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>10:06 |
| S9  | 16  | ("4908038"   "5297207"  <br>"5401950"   "5727063"  <br>"5778074"   "5812669"  <br>"5835599"   "5838795"  <br>"6041412"   "6049613"  <br>"6064724"   "6064740"  <br>"6069954"),PN OR<br>("6278783"),URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2005/11/21<br>09:58 |



| Sã         | 95  | ("6820814" "6078663" "5412728" "5412729" "5481610" "5539827" "5796830" "5622548" "5724428" "6052469" "6125183" "5003597" "5483598" "5625695" "5835560" "6094487" "5545506" "6764772" "5870470" "4797920" "4482779" "4910776" "5503596" "5237611" "5253294" "5237611" "5253294" "5673138" "5757913" "5940007" "5971444" "6061703" "6069954" "6112187" "6278783" "6345098" "6434699" "6459792" "6490353" "6694430" "6757832" "6779111" "6816968" "6822068" | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/21<br>08:25 |
|------------|-----|--|--|----|-----|---------------------|
|            |     | "5507489").pn.   |  |    |     |                     |
| S7         | 67  | differential\$2 with power<br>with analysis and des  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2005/11/18<br>15:30 |
| S6         | 332 | differential\$2 with power with analysis   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2005/11/18<br>15:30 |
| <b>S</b> 5 | 9   | ("20010002486"  <br>"4759063"   "5878140"  <br>"6049613"   "6061449"  <br>"6278783"   "6327661"  <br>"6389136"   "6772339").<br>PN.  | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2005/11/18<br>15:29 |
| S4         | 7   | ("5682428"   "5892775").<br>PN. OR ("6049613").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2005/11/18<br>12:53 |
| S3         | 13  | ("4908038"   "5297207"  <br>"5401950"   "5727063"  <br>"5778074"   "5812669"  <br>"5835599"   "5838795"  <br>"6041412"   "6049613"  <br>"6064724"   "6064740"  <br>"6069954") .PN.   | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2005/11/18<br>12:38 |
| S2         | 10  | ("5790591"   "5933501"  <br>"5974149"   "6233338"  <br>"6278783").PN.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/18<br>12:30 |

8/6/08 2:52:18 PM

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